

MAINTAINING HEADING OF A WATERCRAFT

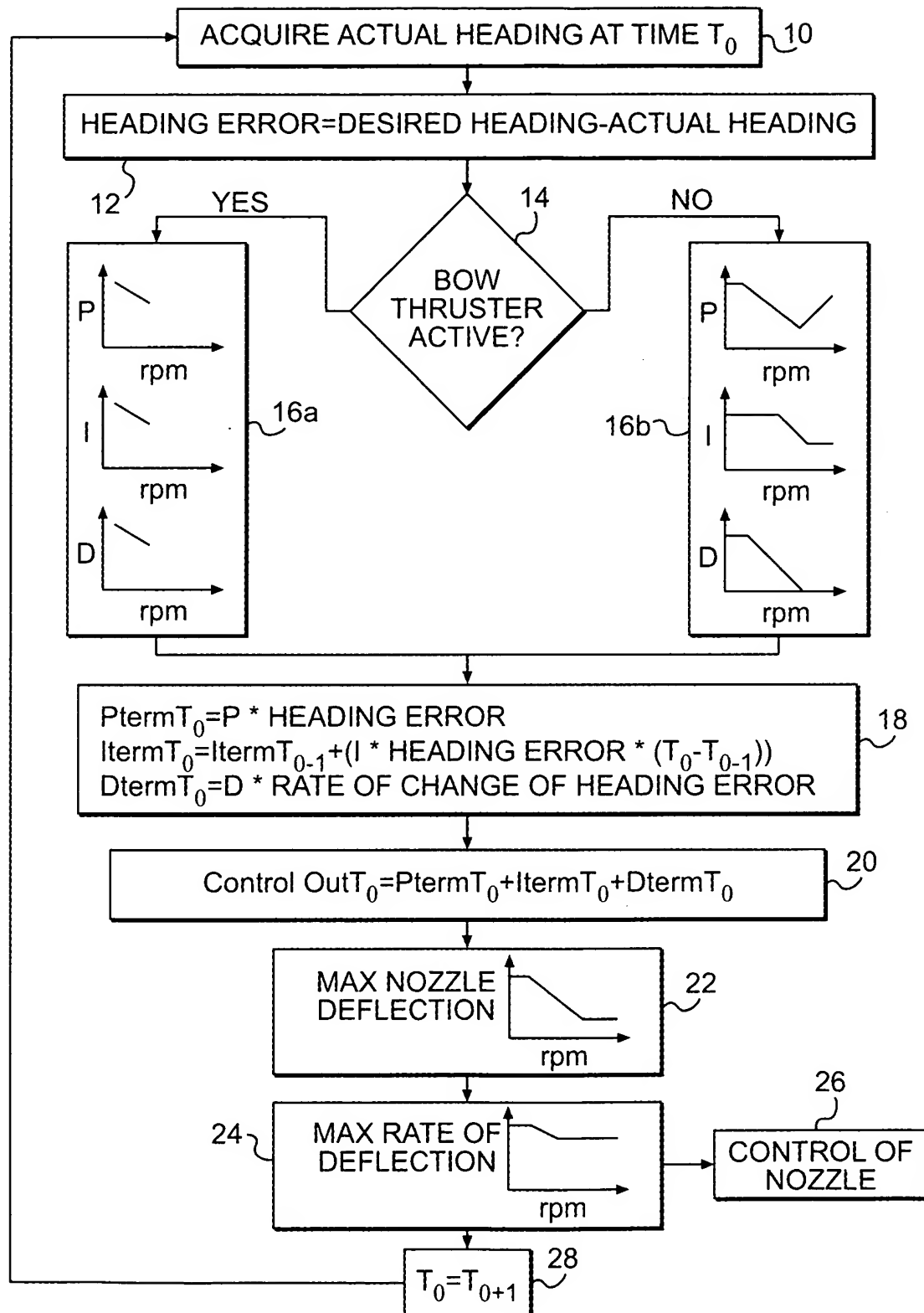


FIG. 1

APPROXIMATE HEADING FROM A FILTERED
HEADING SENSOR DURING A TURN

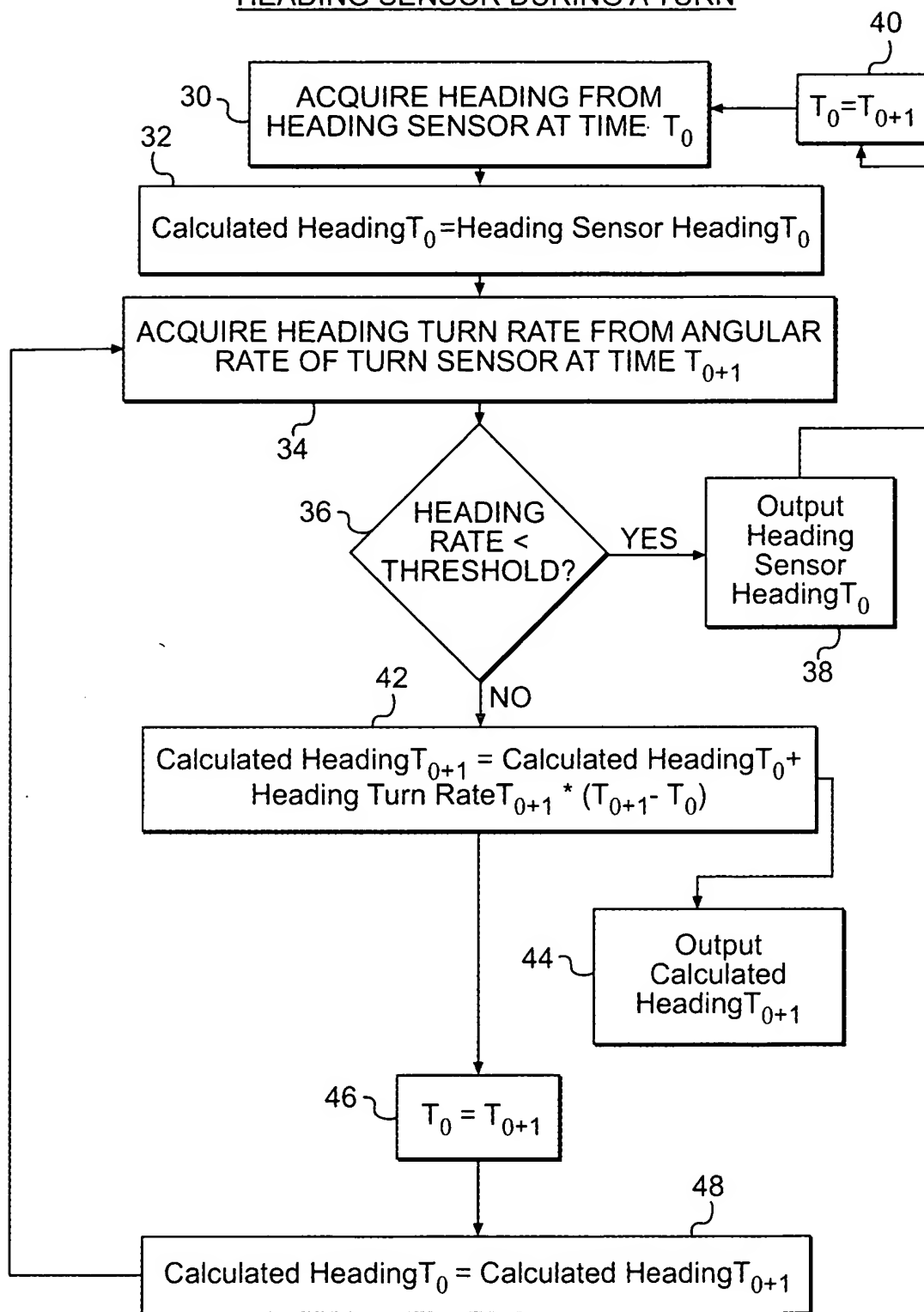


FIG. 2

APPROXIMATE HEADING BETWEEN
GPS UPDATES

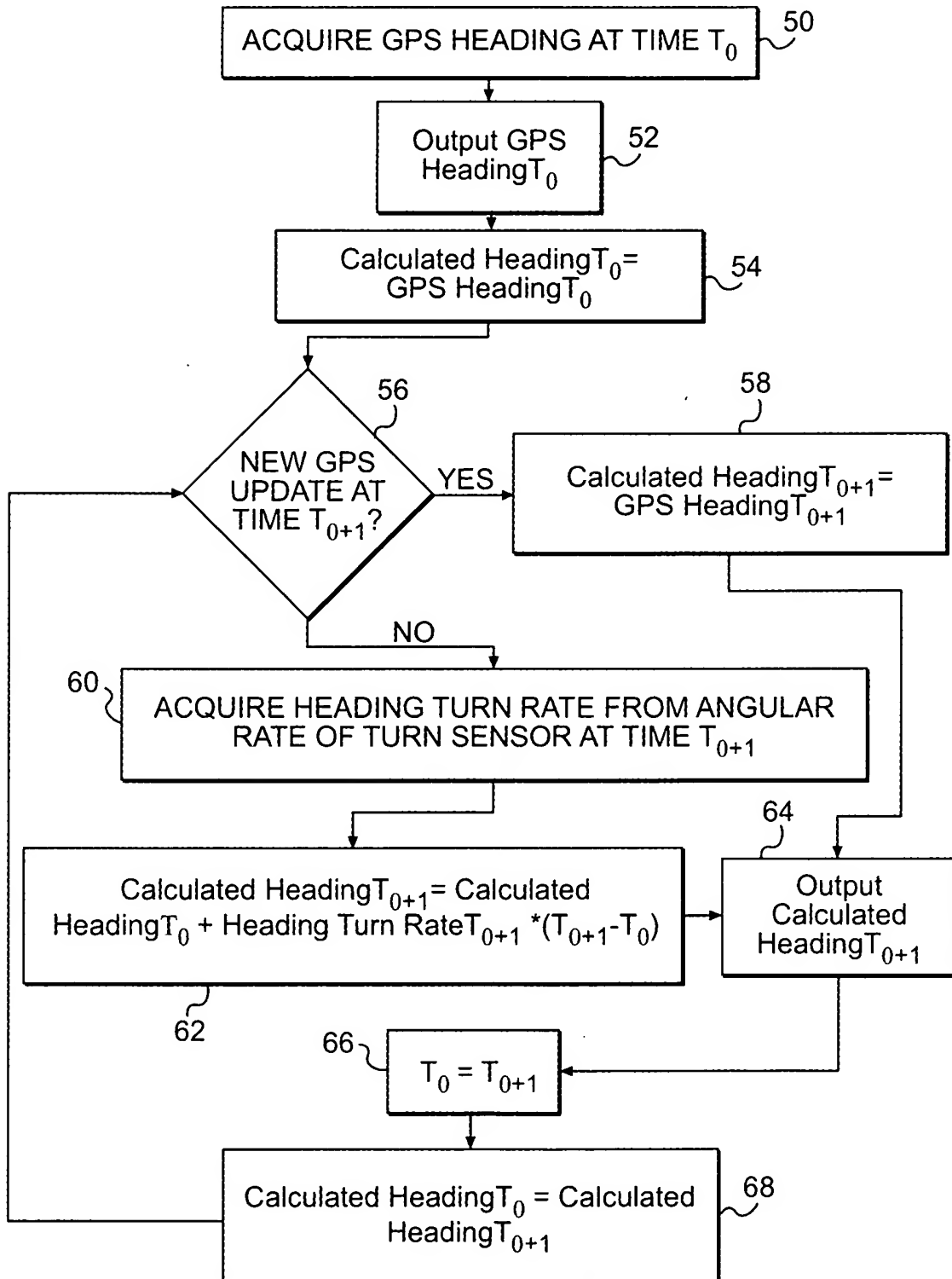
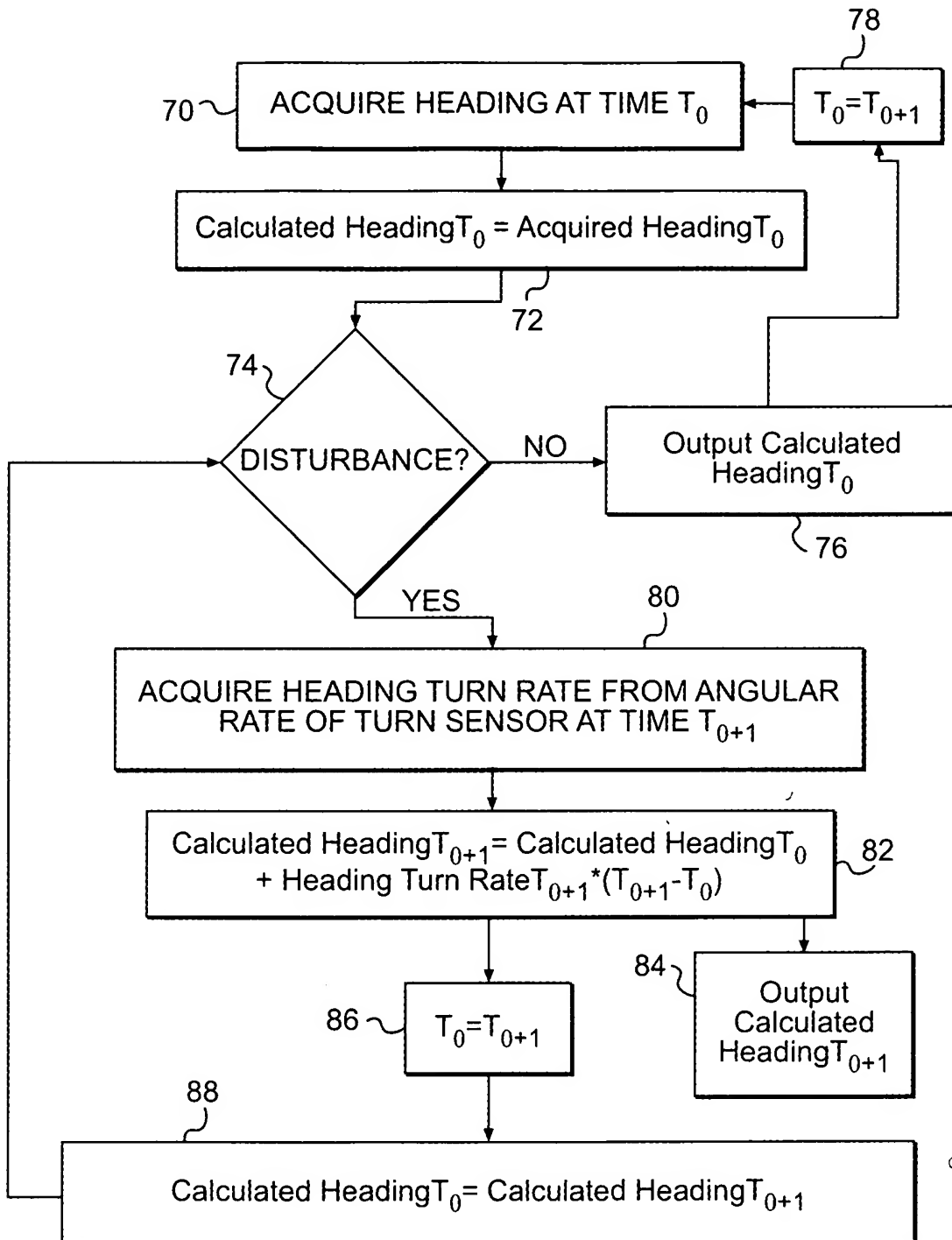
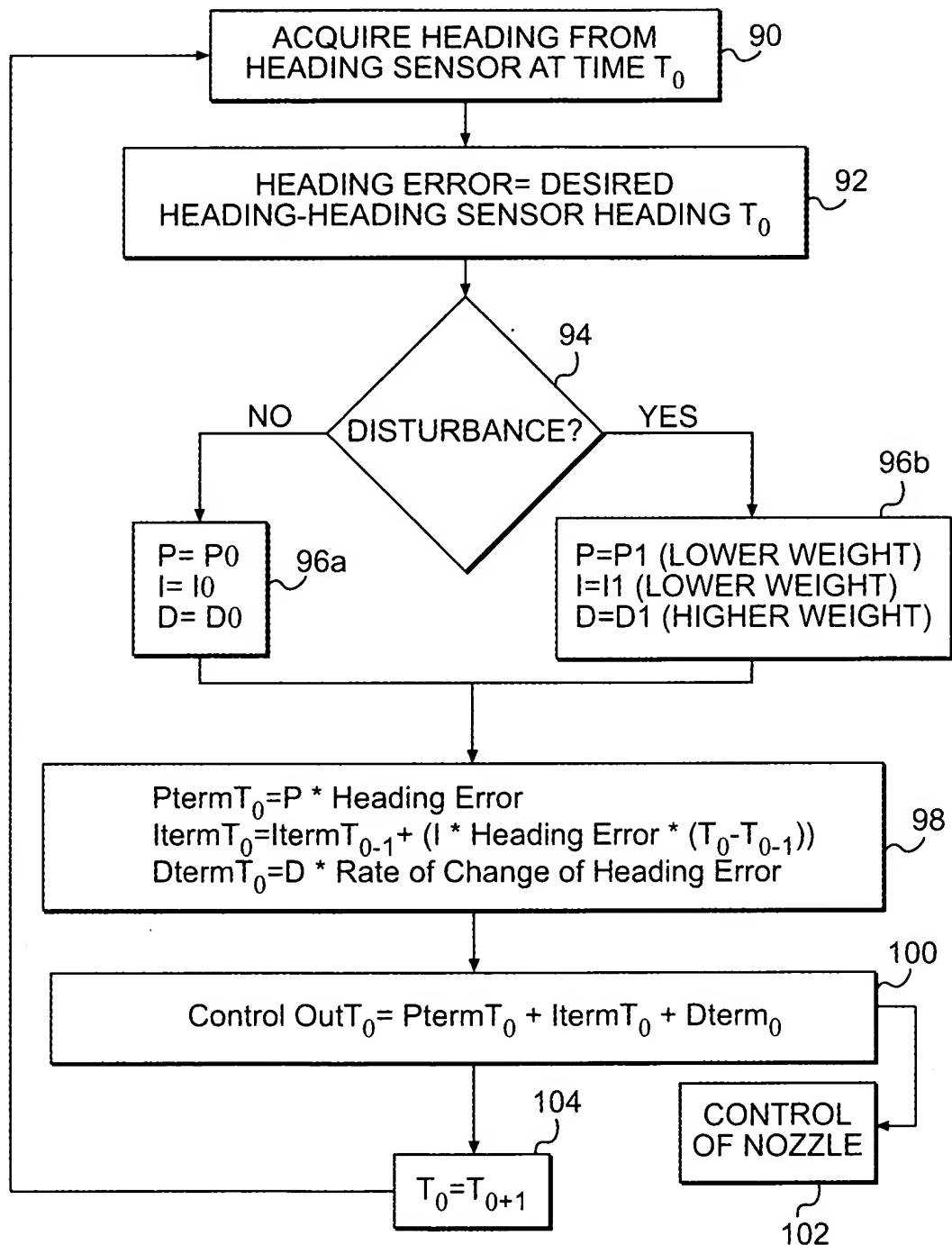
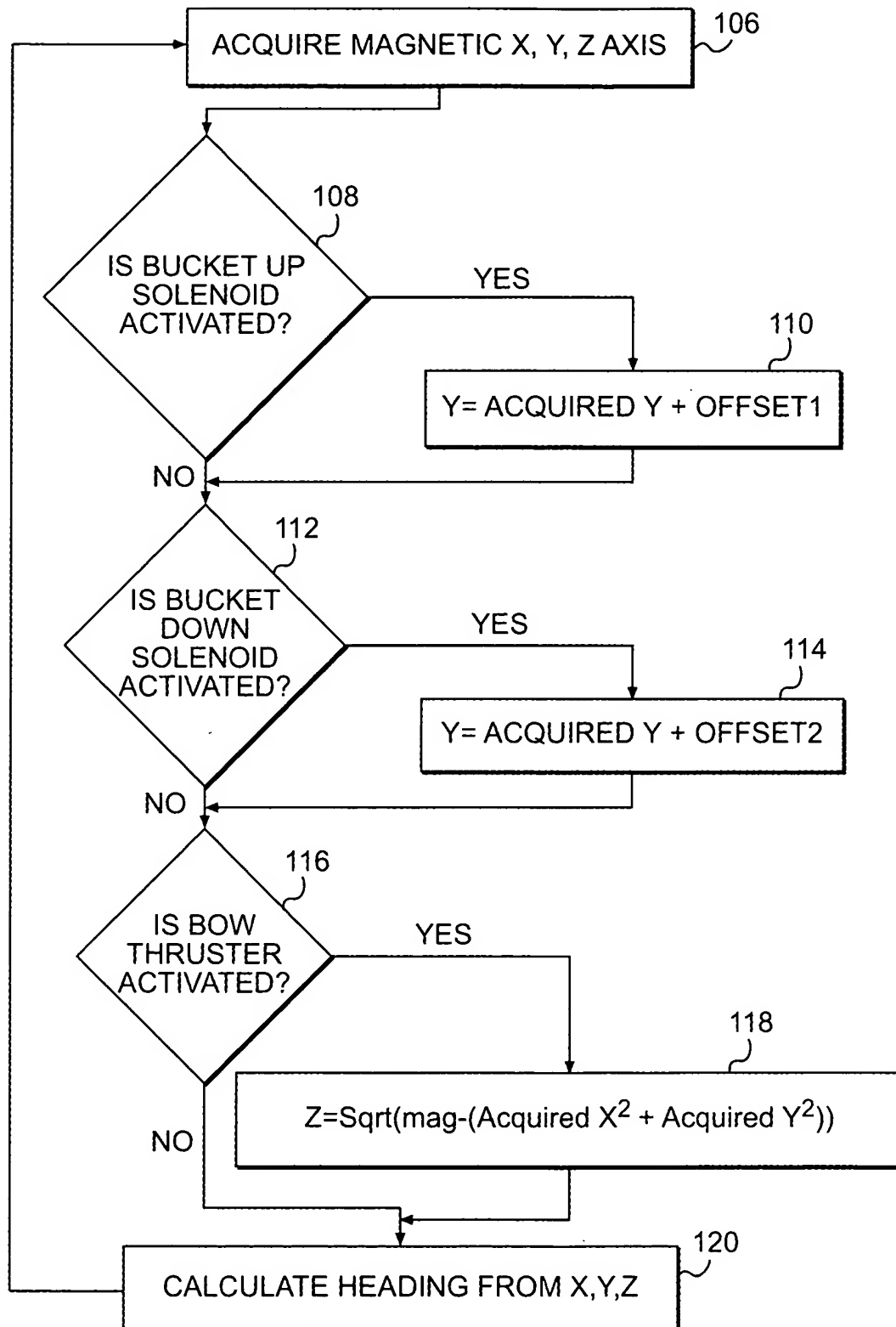
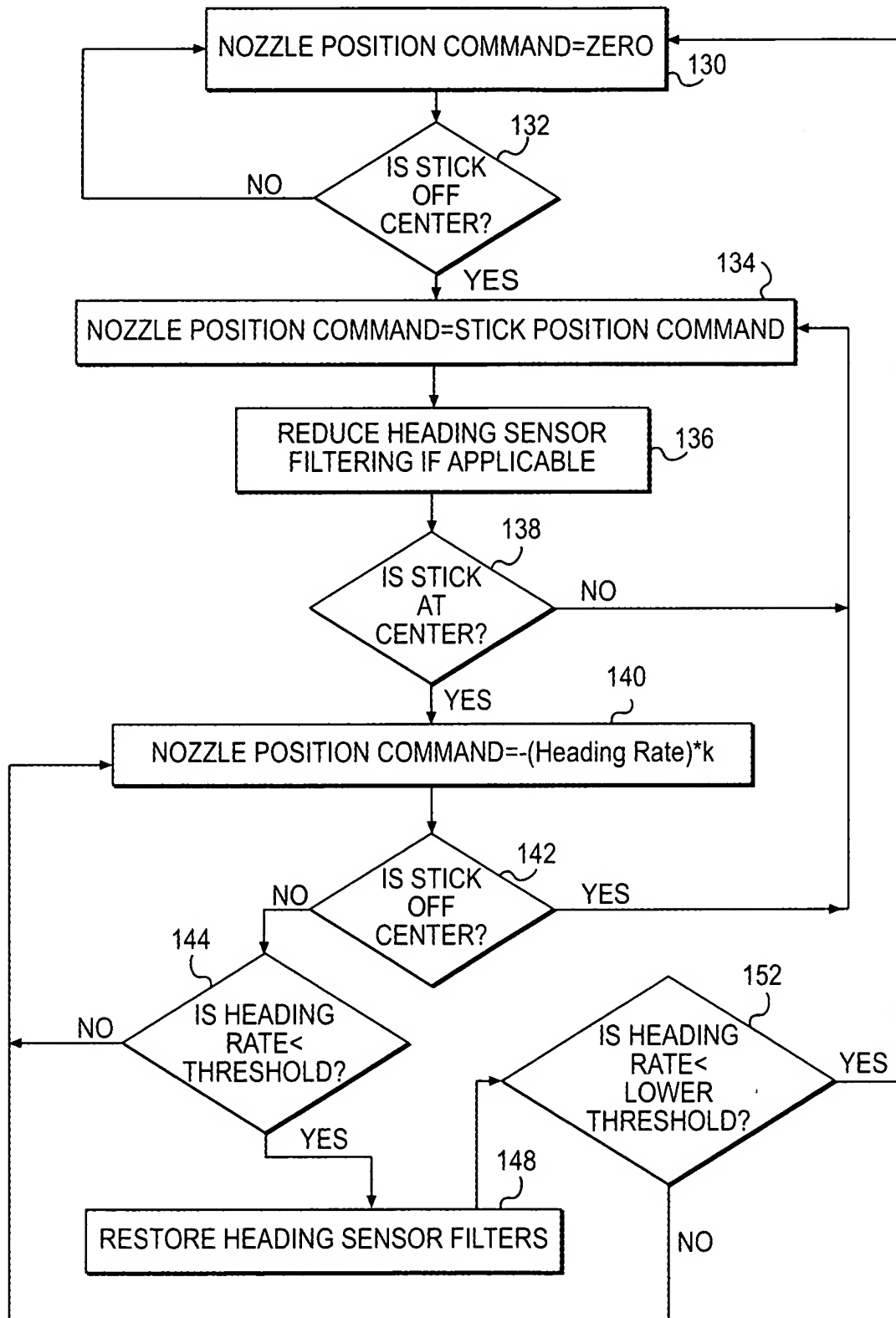


FIG. 3

GENERAL DISTURBANCE REJECTION**FIG. 4**

DISTURBANCE REJECTION**FIG. 5**

DISTURBANCE REJECTION WITH
PREDETERMINED DATA CORRECTION**FIG. 6**

USING RATE OF TURN TO CONTROL ROLL-OUT**FIG. 7**